



I-17 Improvements

Update on Current and Planned
Construction, I-10 to Flagstaff

April 2008



I-17 Overview



- 146-mile Interstate highway located entirely within state of Arizona
- Primary transportation corridor linking Metro Phoenix with northern Arizona
 - Provides access to Prescott, Sedona and Flagstaff areas
 - Important route for intrastate and interstate commerce
 - Primary access to key tourist destinations, i.e., Grand Canyon, Arizona Snow Bowl, Sky Harbor International Airport



I-17 Overview *(Continued)*

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- Improvements needed
 - Additional capacity: more traffic lanes
 - New and reconstructed traffic interchanges
 - Pavement preservation
- Challenges
 - Environmentally sensitive, challenging terrain
 - Adequate funding for needed improvements



I-17 Improvements in Maricopa County

- More than \$1.5 billion 20-year investment in regional transportation funds for I-17 corridor will bring:
 - Additional lanes
 - Improved and new interchanges
 - Improved drainage
 - Transportation studies to identify future improvements



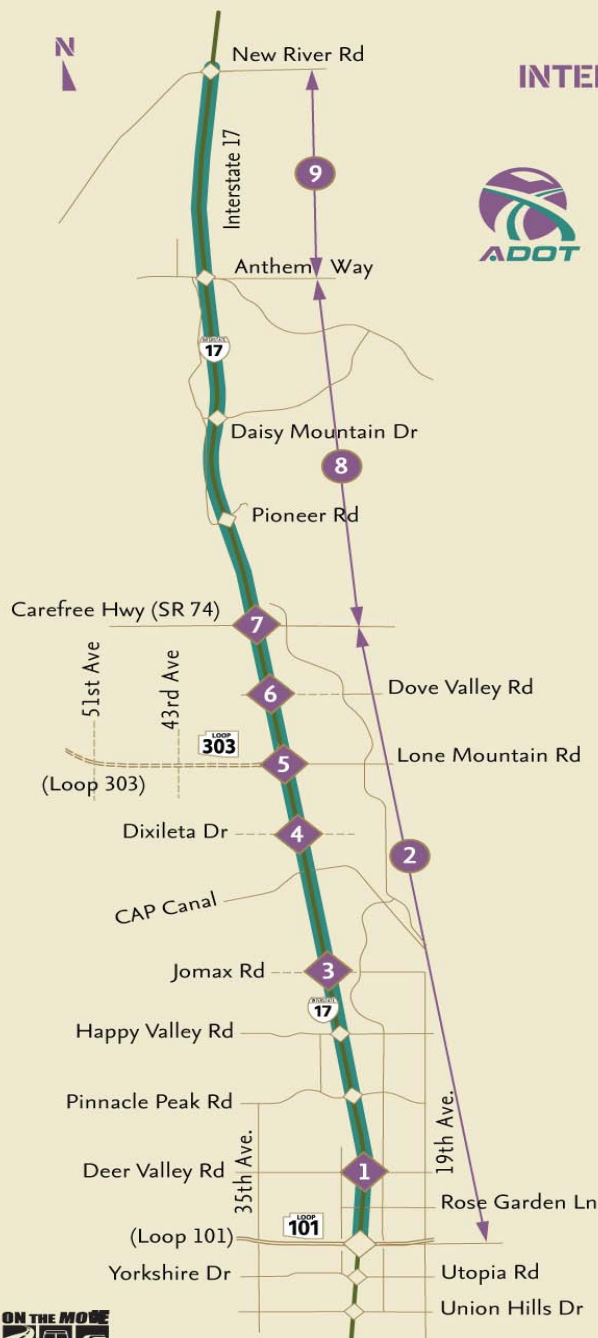


I-17 Improvements

I-10 to Loop 101

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- I-10 to Loop 101:
 - Studies to increase capacity began in summer 2007
 - RTP Phase II (2011-2015) provides funding for:
 - Design of projects to increase capacity
 - Construction for widening I-17 from the Arizona Canal to Loop 101
 - RTP Phase III (2016-2020) provides funding for construction of additional capacity improvements



Planned Improvements

INTERSTATE 17 (BLACK CANYON FREEWAY) NORTH OF LOOP 101

LEGEND

- Project Corridor
- Lane Widening
- Traffic Interchange Project
- Existing Interchange

Interstate 17 Improvements

- 1** I-17/Deer Valley Road – Phase I
 - Reconstruct existing traffic interchange
- 2** I-17/Loop 101 to SR 74 (Carefree Hwy) – Phase I
 - Add a general purpose lane and a high-occupancy vehicle (HOV) lane
- 3** I-17/Jomax Road – Phase I
 - Construct new interchange
 - Convert frontage roads to one-way to improve safety and traffic flow
- 4** I-17/Dixileta Drive – Phase I*
 - Construct new interchange
 - Convert frontage roads to one-way
- 5** I-17/Lone Mountain Road – Phase I
 - Construct new interchange (Future connection to Loop 303)
- 6** I-17/Dove Valley Road – Phase I*
 - Construct new interchange
- 7** I-17/SR 74 (Carefree Hwy) – Phase I
 - Funding provided for interchange improvements
- 8** I-17/SR 74 (Carefree Hwy) to Anthem Way
 - Add a new general purpose lane – Phase I
 - Add a new high-occupancy vehicle (HOV) lane – Phase IV
- 9** Anthem Way to New River Road – Phase IV
 - Add a new general purpose lane

Regional Transportation Plan Phases

Phase I	2006 -2010	Phase III	2016-2020
Phase II	2011-2015	Phase IV	2021-2025

Note: The phasing dates represent the proposed funding date for I-17 improvements identified in the Regional Transportation Plan.

*This project is being advanced by the City of Phoenix.



Interstate 17 (Black Canyon Freeway) Improvements North of Loop 101

CONSTRUCTION PHASING (PROPOSED)



2007

Construction
Begins

1

Dixileta Drive Interchange*
Jomax Road Interchange

2

SR 74/Carefree Highway
Interchange Improvements

3

Widening - Loop 101 to Jomax Road
Deer Valley Road
Interchange Improvements

4

Widening - Jomax Road to
SR 74/Carefree Highway
Lone Mountain Road Interchange
Dove Valley Road Interchange*

5

Widening - SR 74/Carefree Highway
to Anthem Way**

2009

Construction
Completed

2010

Construction
Completed



Project Corridor



Lane Widening



Traffic Interchange
Project



Existing Interchange

Note: Graphic illustrates the order of construction sequencing. Start of construction on a new project is not contingent on completion of an earlier project. Once construction of these projects begin, there will be concurrent construction activity throughout this section of I-17.

*This project is being advanced by the City of Phoenix to an earlier phase than originally programmed in the Regional Transportation Plan.

**The schedule for this project was accelerated by the Arizona Legislature with funding from the Statewide Acceleration Needs Account (STAN).



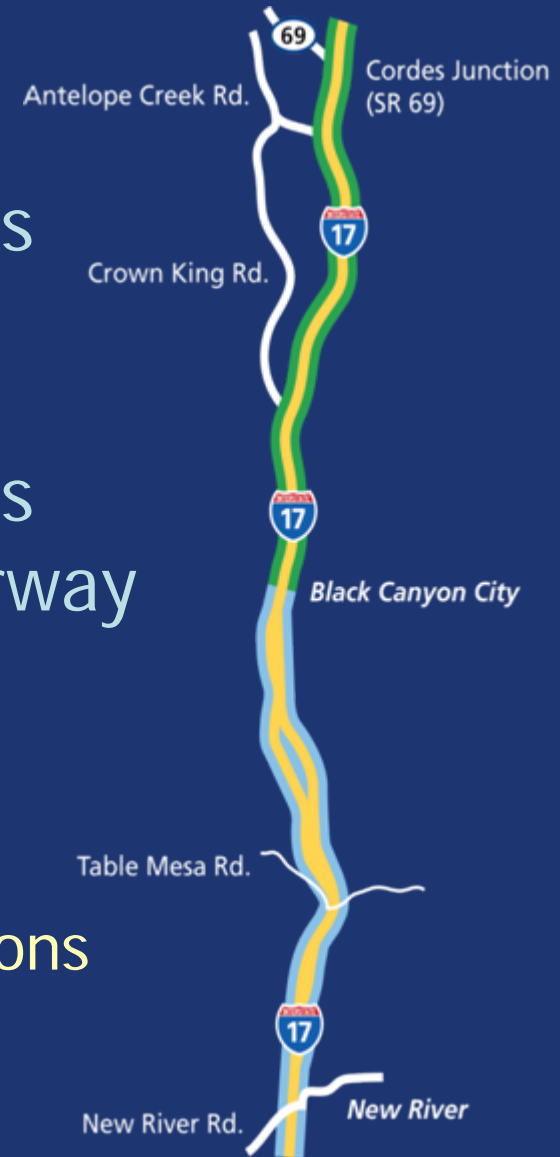
Overview of ADOT Plans for I-17 Improvements from New River to Flagstaff





I-17, New River to Cordes Junction

- Study of potential design concepts completed in 2004 (New River to Black Canyon City)
- Study of potential design concepts and environmental impacts underway (Black Canyon City to Cordes Junction)
- Traffic study underway
 - Design recommendations to be based on long-range traffic projections
- Construction not currently funded/scheduled





I-17/Cordes Junction Traffic Interchange

- Project involved extensive community input
 - ADOT and FHWA currently reviewing public comment on recommended option
- Maintains directional ramps between Phoenix and Prescott
- New diamond interchange provides second point of access to community
- Roundabouts recommended to control traffic at two key intersections
- Construction scheduled in fiscal year 2008



I-17/McGuireville Traffic Interchange

- Located between SR 260 and SR 179
 - Provides access to Montezuma Well National Monument and recreational facilities
 - Involves reconstruction of on and off ramps
 - Construction in 2008



I-17 Improvements, Cordes Junction to SR 179

- Design concept and environmental studies to begin fall 2008
- Preliminary design recommendations to be based on year 2035 traffic projections



I-17 Improvements, SR 179 to I-40

- Study of potential design concepts and environmental impacts underway
- Traffic study underway
 - Preliminary design recommendations to be based on long-range traffic projections





I-17 / Munds Park Traffic Interchange

- Proposed replacement of overpass at Exit 322 (northeast of Sedona)
 - Provides additional capacity for crossroad and for pedestrian traffic across I-17
 - Lengthens entrance ramps for safer merge onto I-17
 - No construction funds currently available

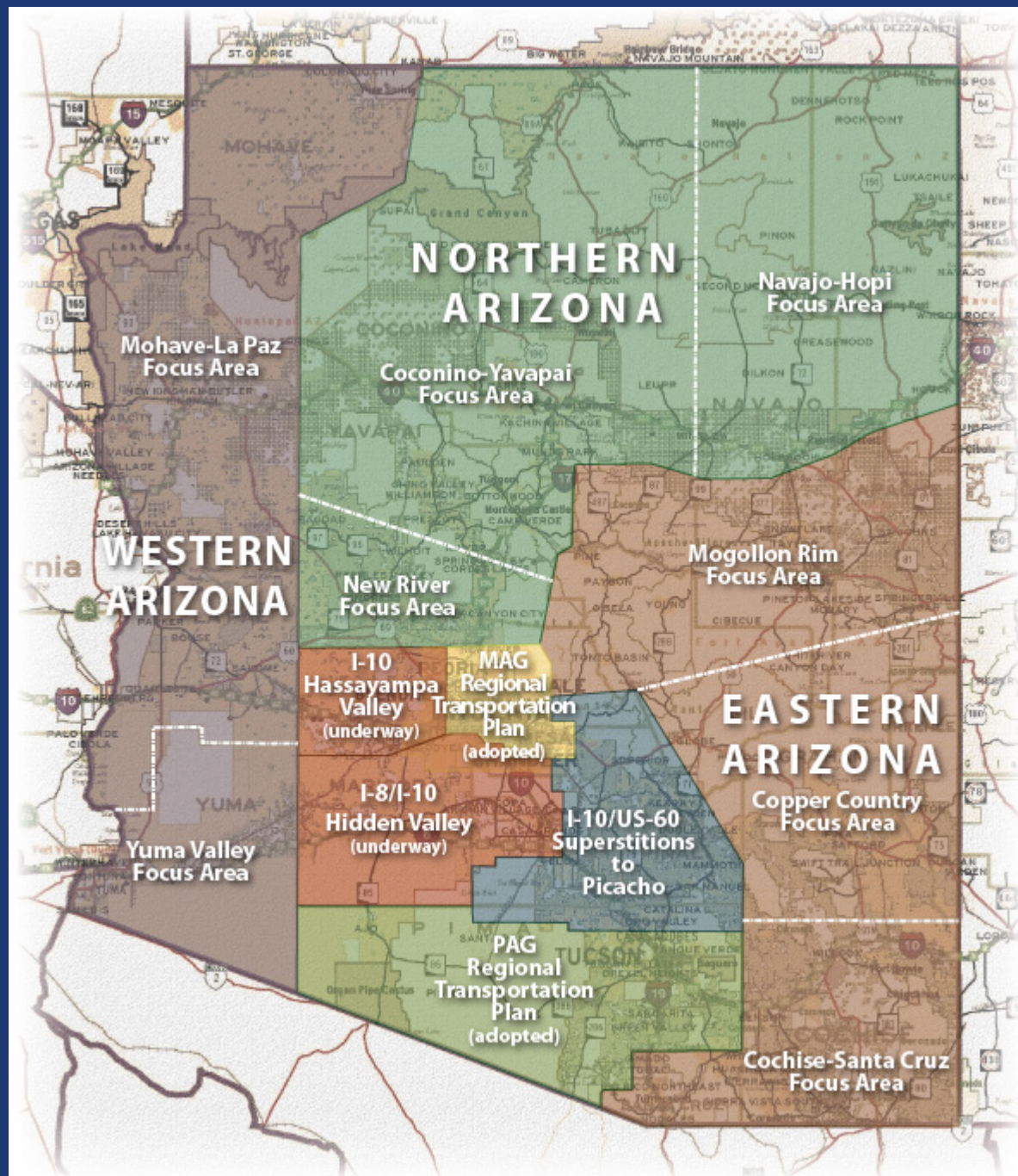


Northern Arizona Regional Framework Study

- Identifying transportation needs for 2030-2050 timeframe
- Issues identified to date through public involvement include:
 - Accommodations for increasing commercial traffic
 - Economic and tourism impacts of I-17 congestion
 - Balancing environmental mitigation and economic development
 - Explore alternative modes of travel



For more
information
Arizona
Regional
Framework
Studies
visit:
www.bqaz.org





For More Information on I-17 Improvements Statewide...

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- Visit ADOT Web site:

www.azdot.gov/I17